

SECURITY SUMMIT

Security Summit

Milano 19-20-21 marzo 2024



Sessione

“L’evoluzione del network & security in ambienti application driven”

Luca Bechelli, CS, Clusit

Simone Marcomini, SASE Business Developer Manager, HPE Aruba

Davide Costanigro, SASE Solution Architect, HPE Aruba

20 marzo 2024 orario 14.00- 15.00



Luca Bechelli

COMITATO SCIENTIFICO CLUSIT
PARTNER @P4I – GRUPPO DIGITAL360



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Simone Marcomini

BUSINESS DEVELOPER MANAGER- SASE



Davide Costanigro

SOLUTION ARCHITECT - SASE



NETWORKING SASE & CLOUD MARKET TRENDS

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CLOUD & SASE MARKET OVERVIEW: GLOBAL TRENDS



85%

Of organizations will embrace a cloud-first principle by 2025¹



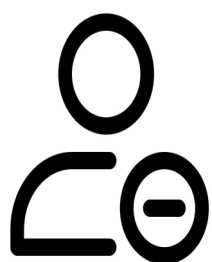
51.9B

Connected IoT devices by 2025, up from 44.7B in 2021²



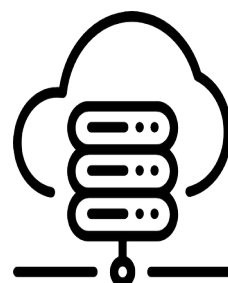
+ 23.4%

Of increased cloud spent compared to 2022³



51%

Of all knowledge workers worldwide are expected to be working remotely. The remaining part will work in hybrid mode¹



81%

Of all Enterprises have reported that they have a multi-cloud strategy already laid out or in the works²

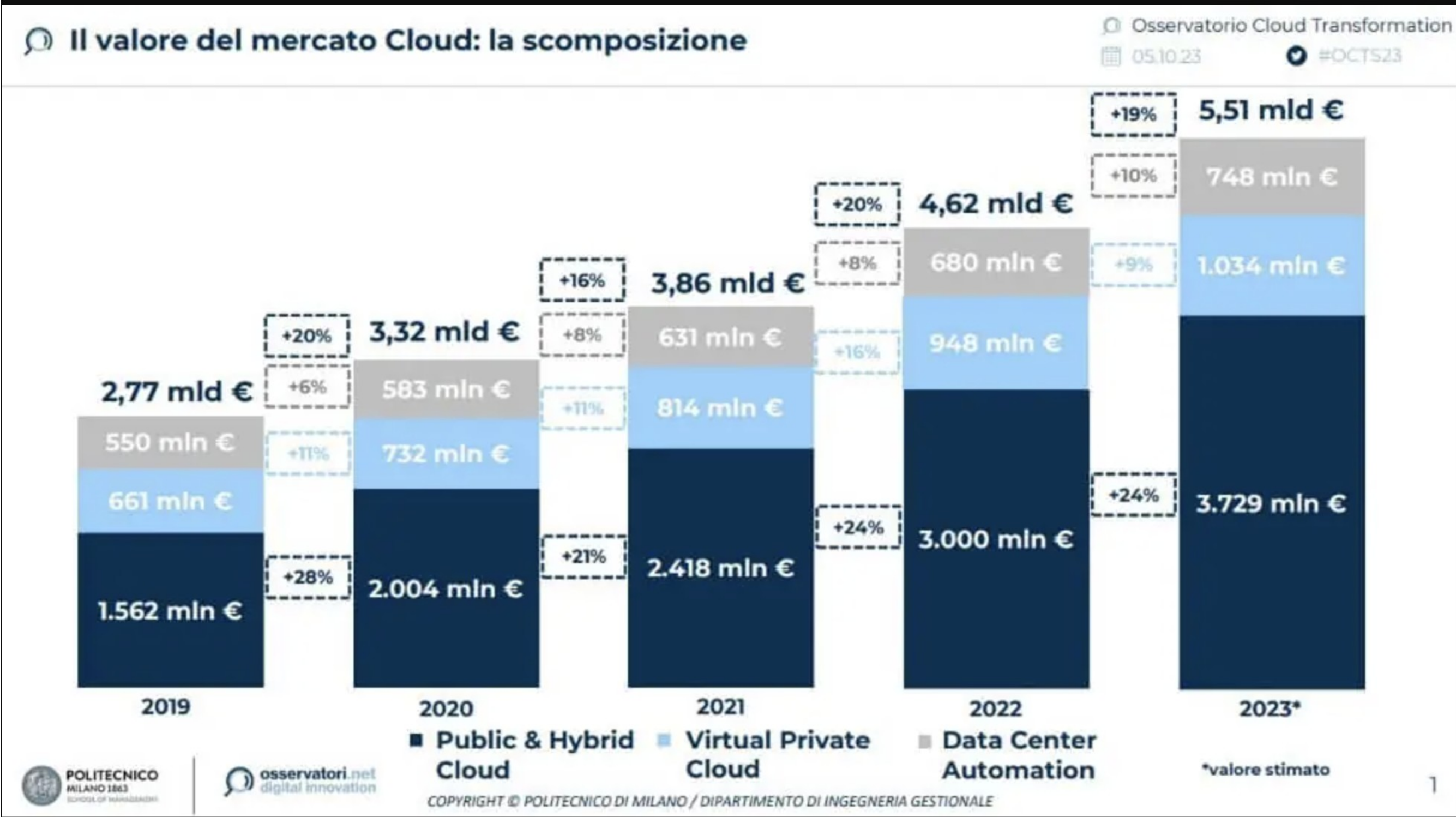


6.2 B

Remote and Hybrid work has increased the numbers of devices per person, totaling 6.2 Billion unit³



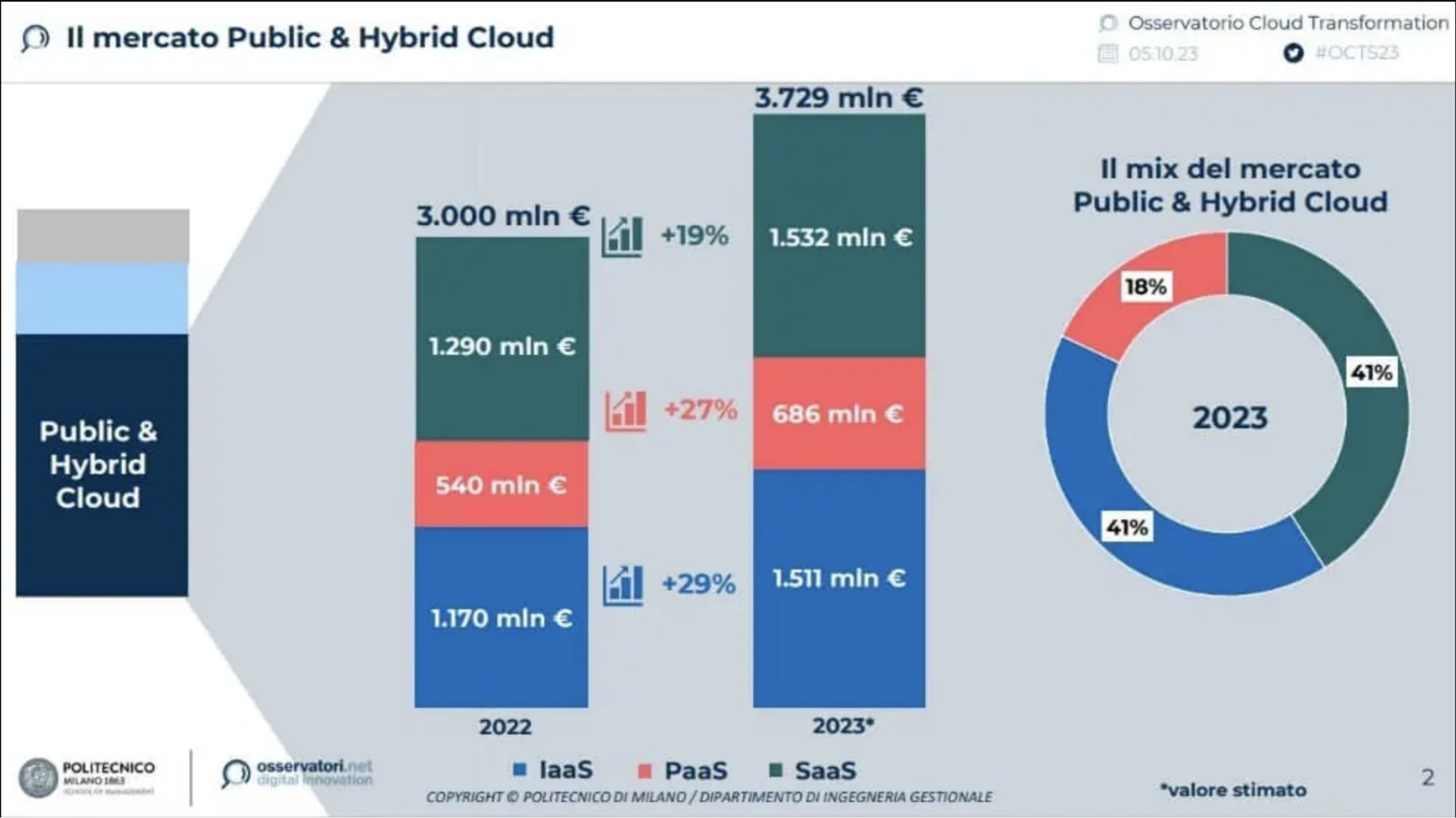
CLOUD & SASE MARKET OVERVIEW: ITALIAN CLOUD MARKET VALUE



Osservatorio Politecnico di Milano : <https://www.osservatori.net/it/ricerche/comunicati-stampa/cloud-italia-mercato>



CLOUD & SASE MARKET OVERVIEW: **ITALIAN CLOUD MARKET VALUE**



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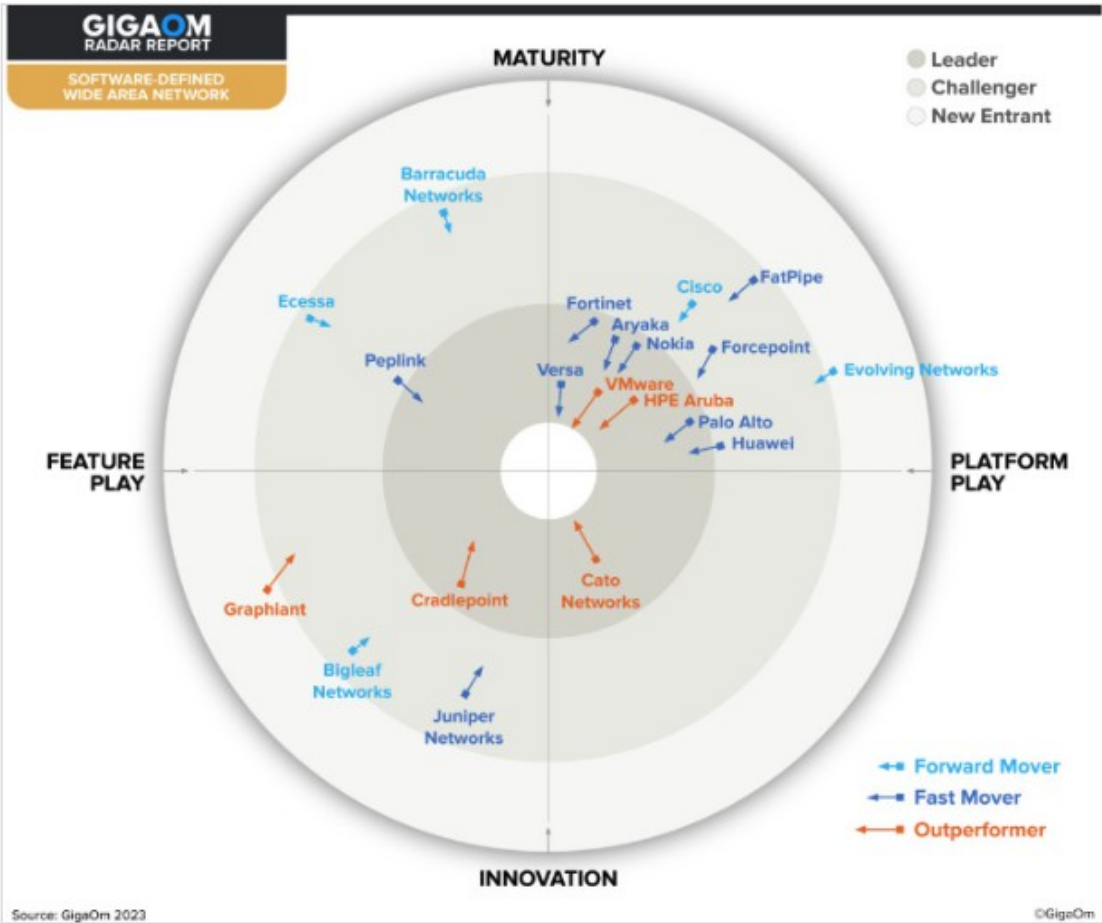
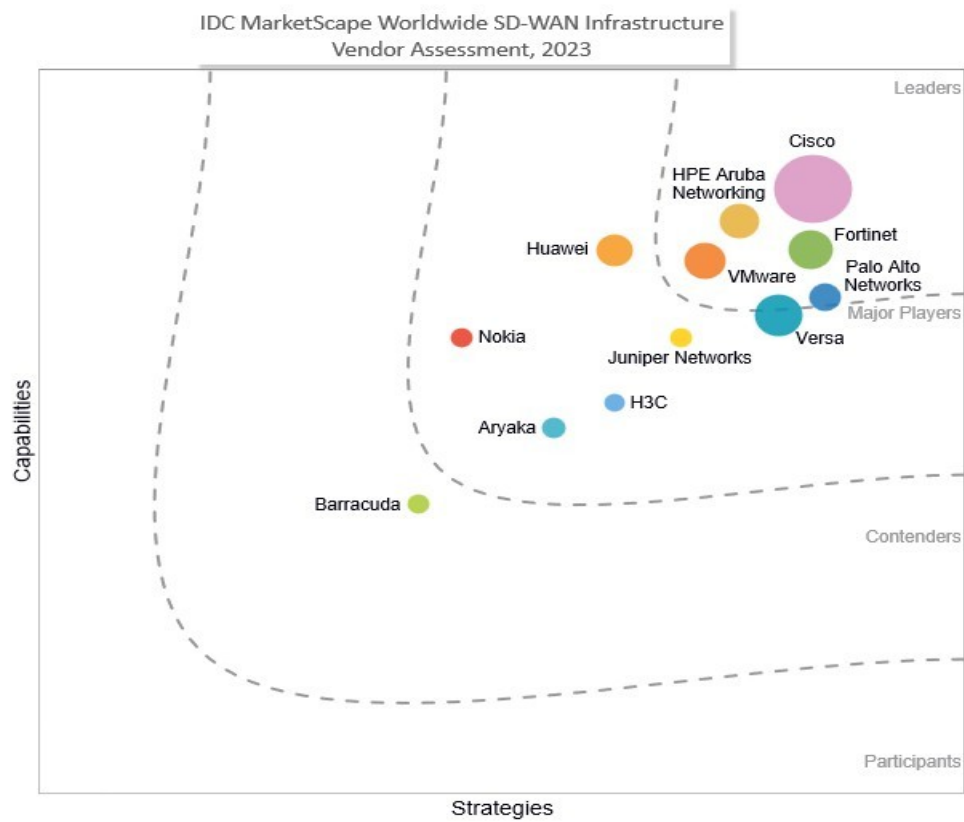


2023 Analyst view on SASE Technologies

Figure 1: Magic Quadrant for SD-WAN



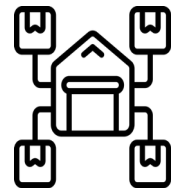
FIGURE 1: IDC MarketScape Worldwide SD-WAN Infrastructure Vendor Assessment



SASE ADOPTION KEY POINTS & USE CASES



SASE ADOPTION: COMMON NEEDS ON USE CASE



**Multi-Site
Customer**



**Poor or
Expensive
Connectivity**



**Cloud Adoption
started or
planned**



**Remote workers
and Third-Party
access needs**



**Manage Security
and Risk over
WAN**



CUSTOMER PROFILE RETAIL & MANUFACTURING



























CUSTOMER PROFILE PUBLIC ADMINISTRATION



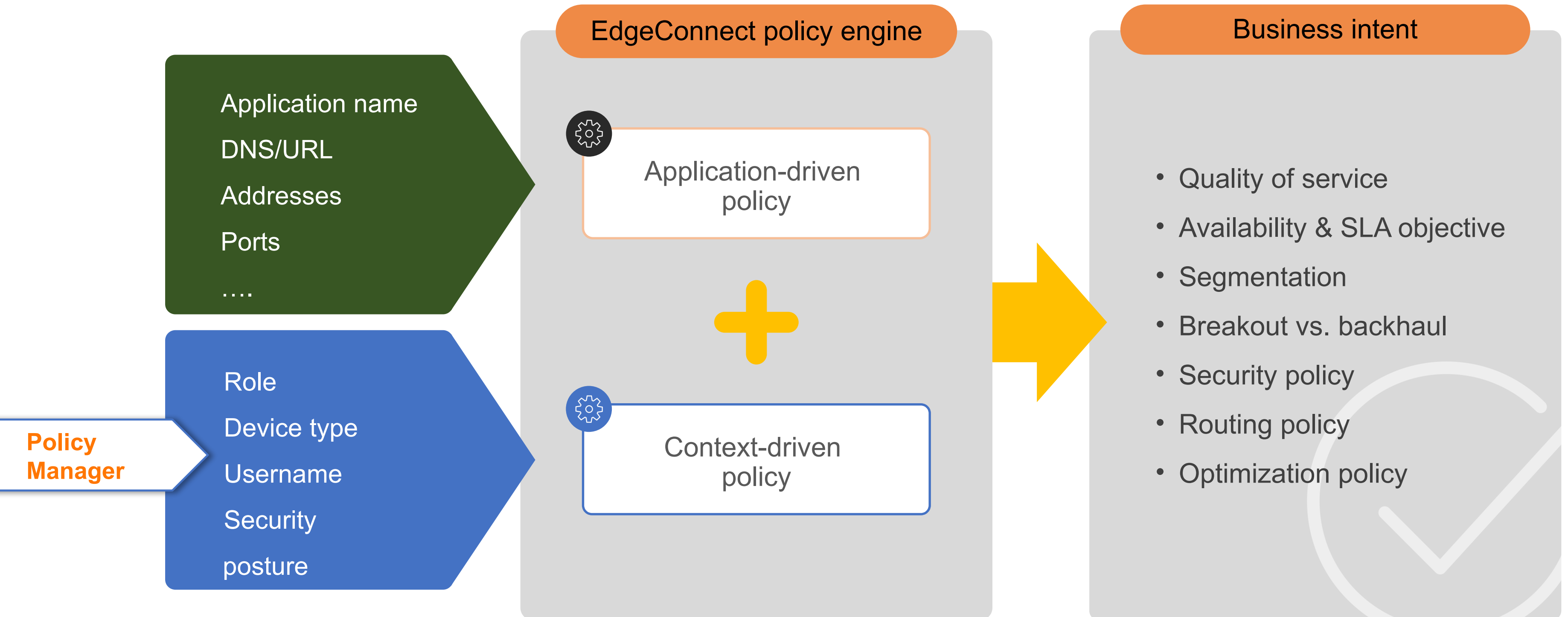
BUSINESS DRIVEN SD-WAN POLICIES

Create SD-WAN fabric with a few clicks

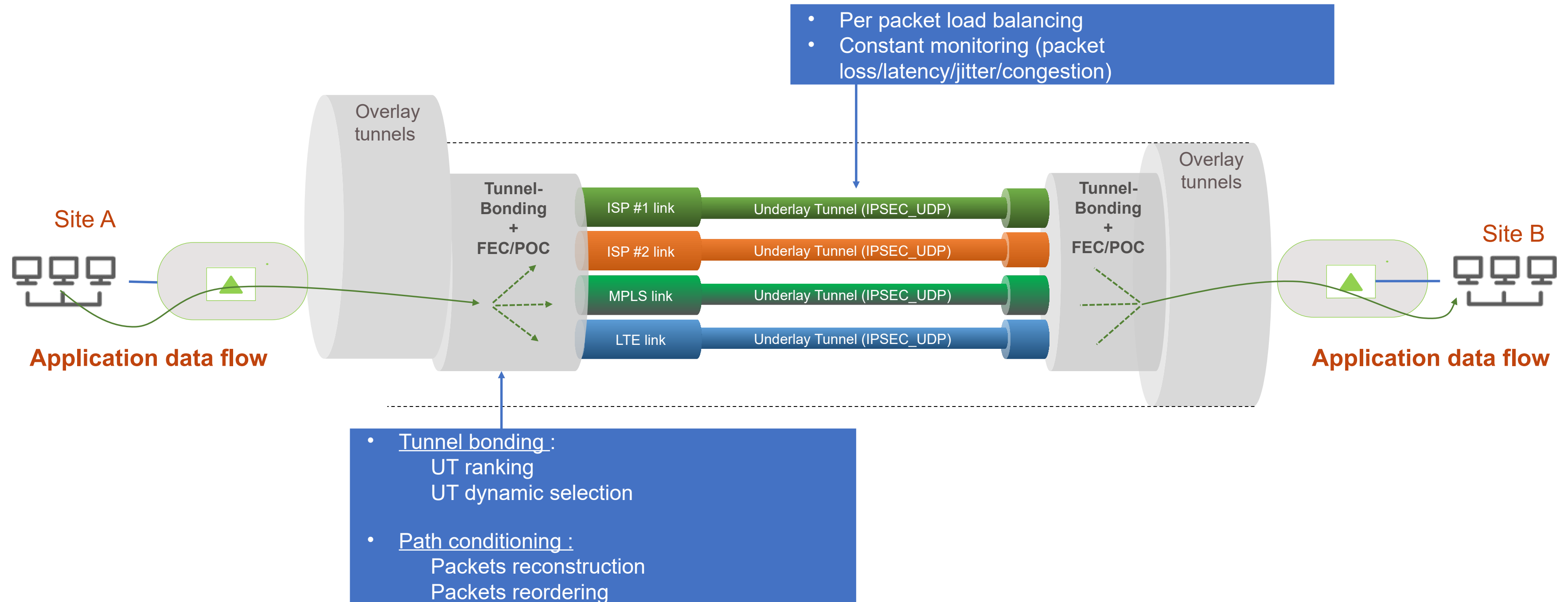
Apps, IaaS, PaaS	Circuits	Bonding + SLA	Topology	SaaS, Cloud, Internet Apps	Internet Policy & Firewall	Overlay Defaults
Real Time Overlay						
	 MPLS  Internet  LTE (Backup)	High Availability Loss: 1% Latency: 400ms Jitter: 200ms	 Mesh		Best Circuit + Local Firewall  Local Firewall  Datacenter (Backup)	FW Zone: Real Time QoS: Real Time Boost: Disabled
Enterprise Apps Overlay						
	 MPLS  Internet  LTE (Backup)	High Quality Loss: 2% Latency: 600ms Jitter: 300ms	 Hub & Spoke		Best Circuit + Cloud Firewall  zscaler  Datacenter (Backup)	FW Zone: Restrict QoS: Enterprise Boost: Enabled
Default Overlay						
	 MPLS  Internet  LTE (Backup)	High Efficiency Loss: 5% Latency: 800 ms Jitter: 500 ms	 Hub & Spoke		Load Balance + Cloud Firewall  CloudGuard  Datacenter (Backup)	FW Zone: Default QoS: Best Effort Boost: Disabled



TRASPORTO WAN DEI DATI IN BASE ALL'APPLICAZIONE E AL CONTESTO



TECNOLOGIA PER MIGLIORARE LA QUALITY OF EXPIERIENCE (QOE)

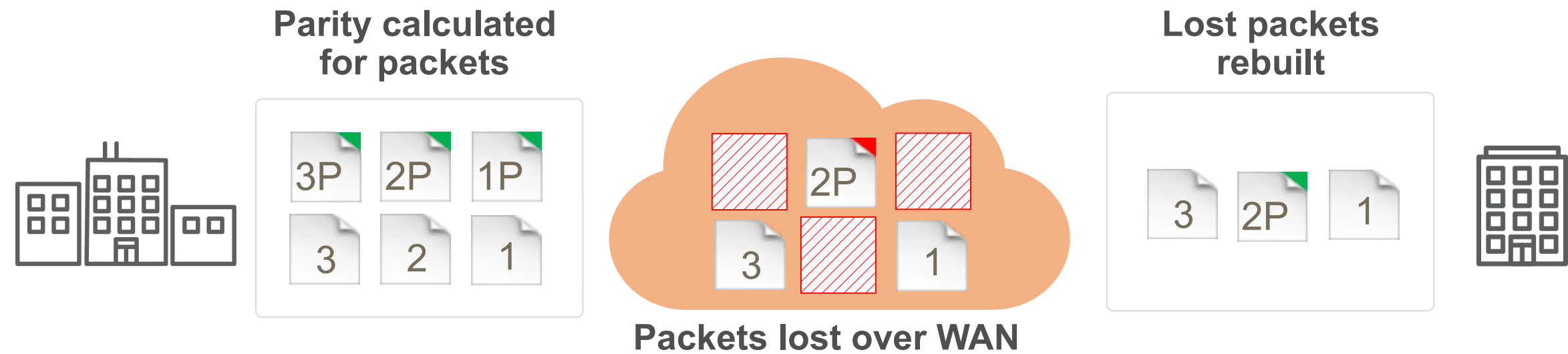


MIGLIORARE LA QUALITÀ DELLE LINEE WAN

Advanced network and application performance capabilities

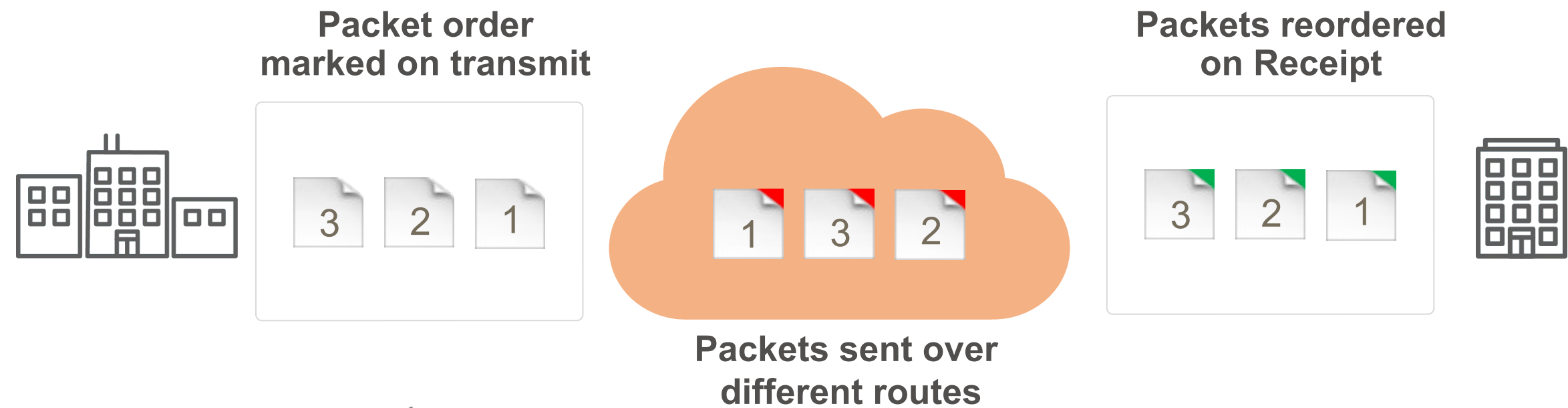
Forward Error Correction

Packets lost in transmit across the WAN are rebuilt



Packet Order Correction

Packets delivered out-of-order across the WAN are reordered into the correct order

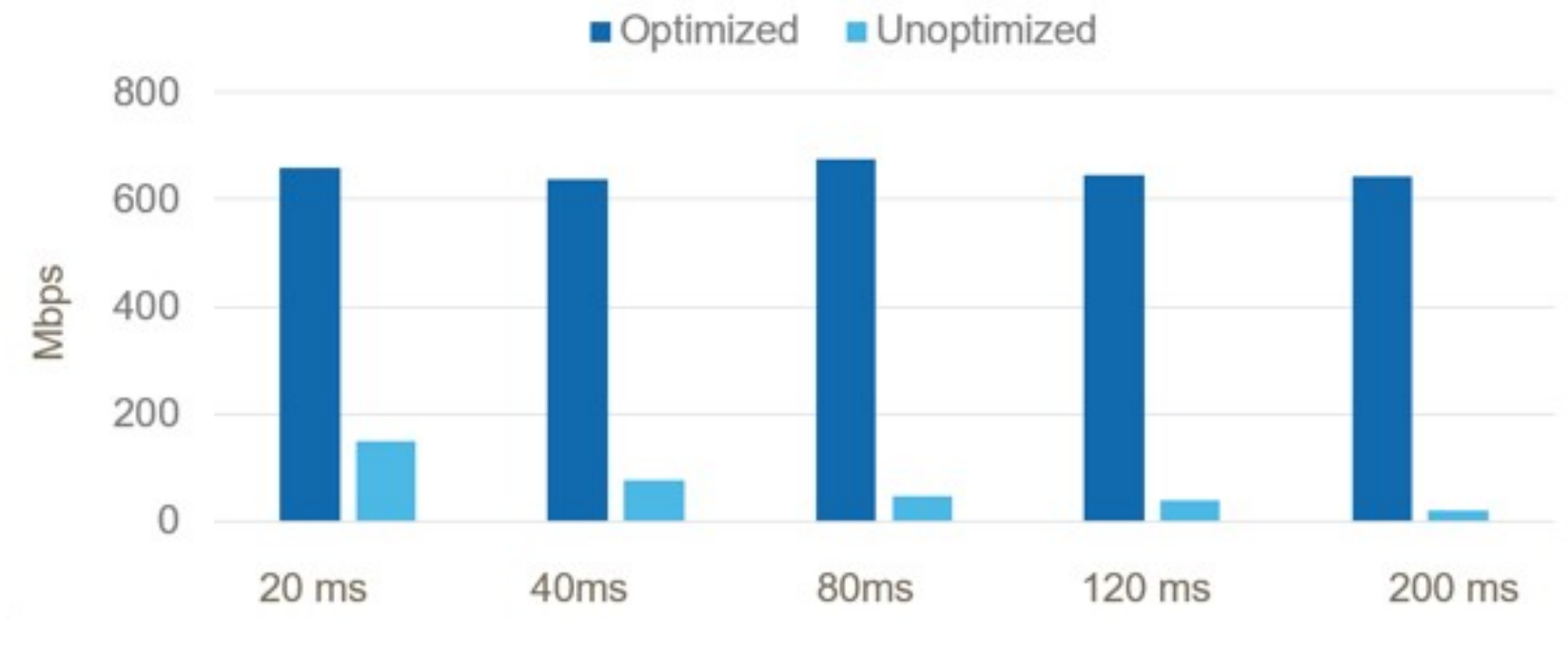


WAN OPTIMISATION

- Accelerate applications and maximize available bandwidth

TCP Protocol Acceleration

Accelerate applications over distance
overcoming latency impact



Data Reduction

Eliminate overhead of redundant
packets traversing the WAN

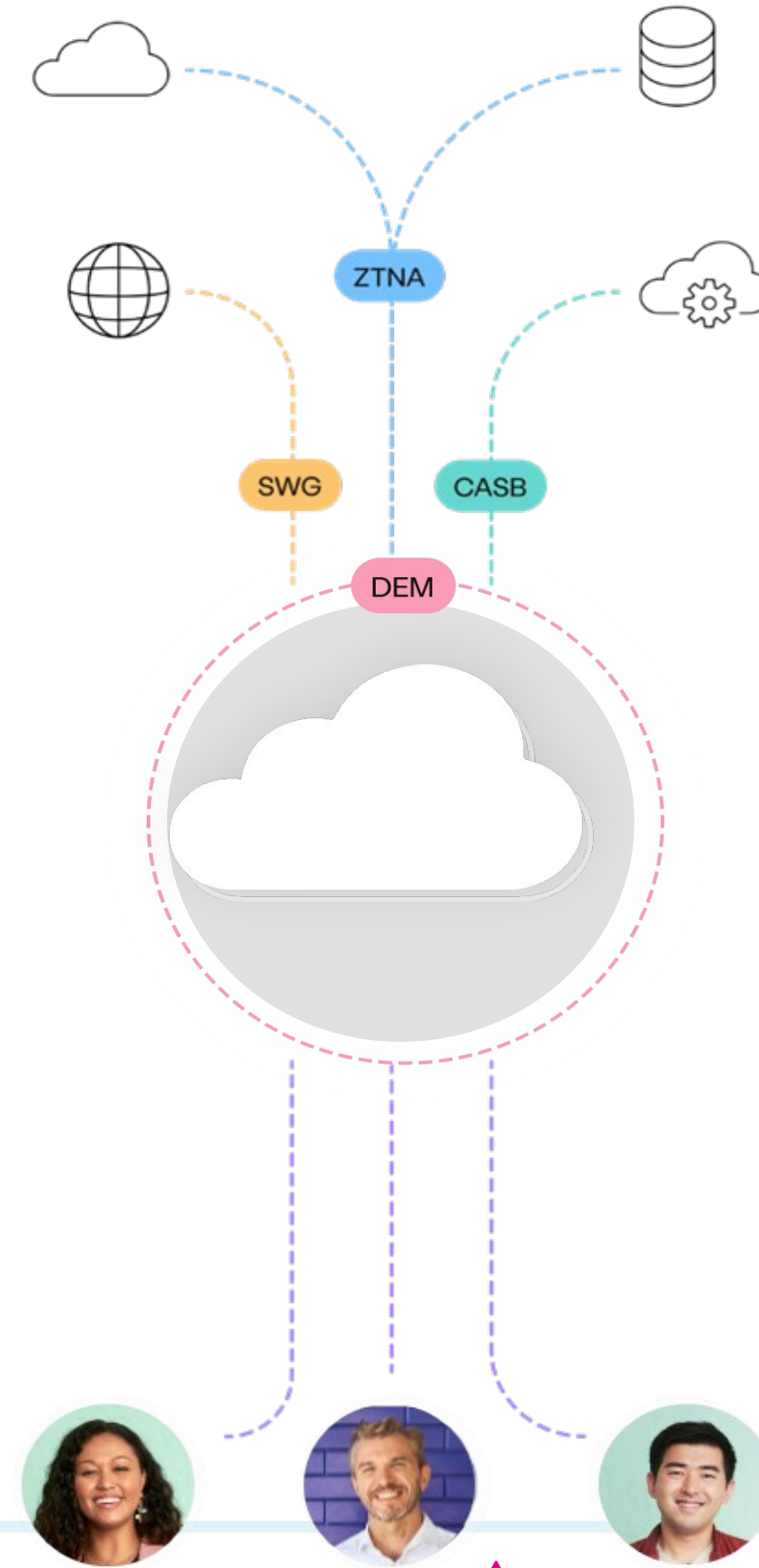
Without Dedupe
Transfer Every Byte



With Dedupe
Cache Duplicates, Only Send Unique Data



Transforming Secure Business Access with HPE Aruba Networking SSE

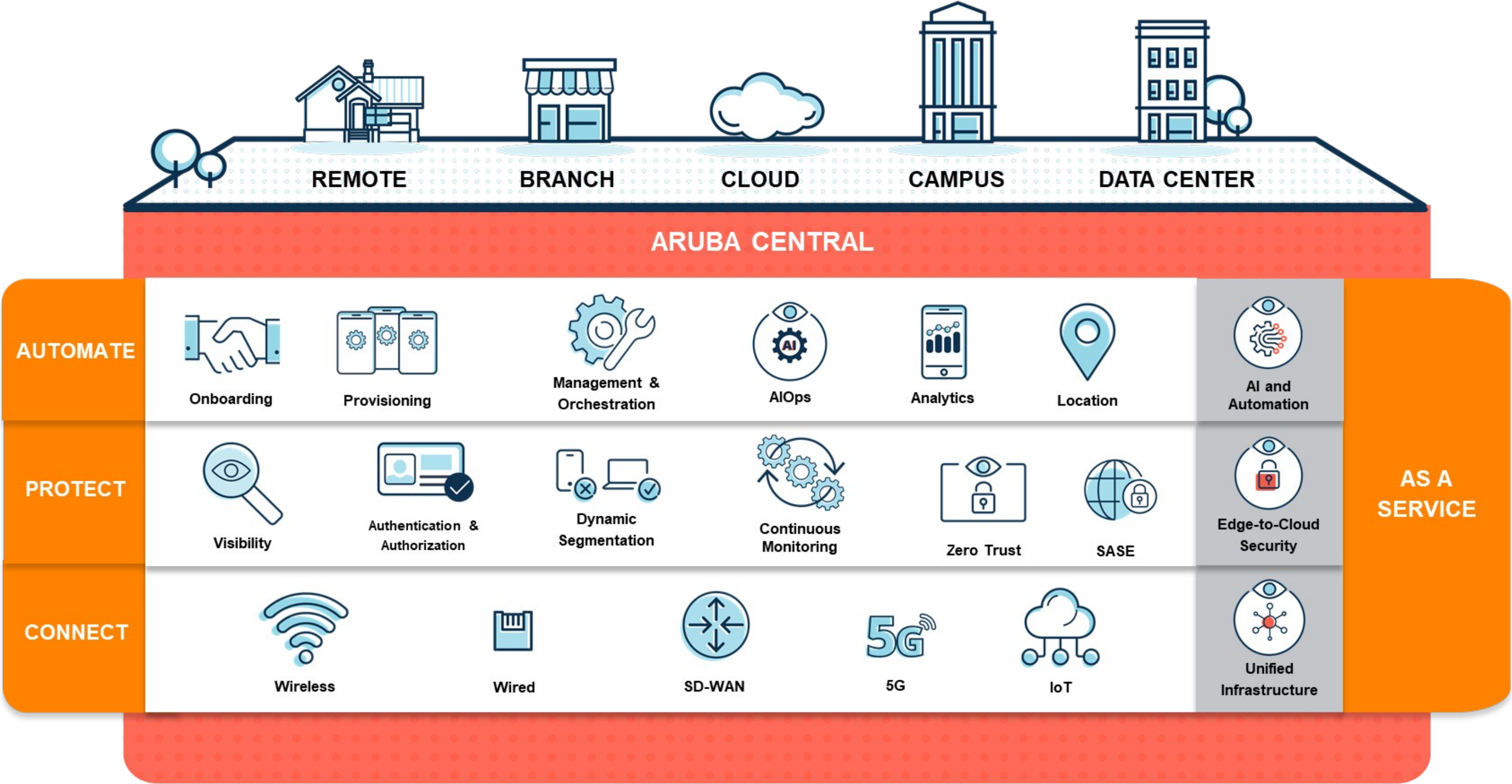




HPE ARUBA NETWORKING & SECURITY VISION

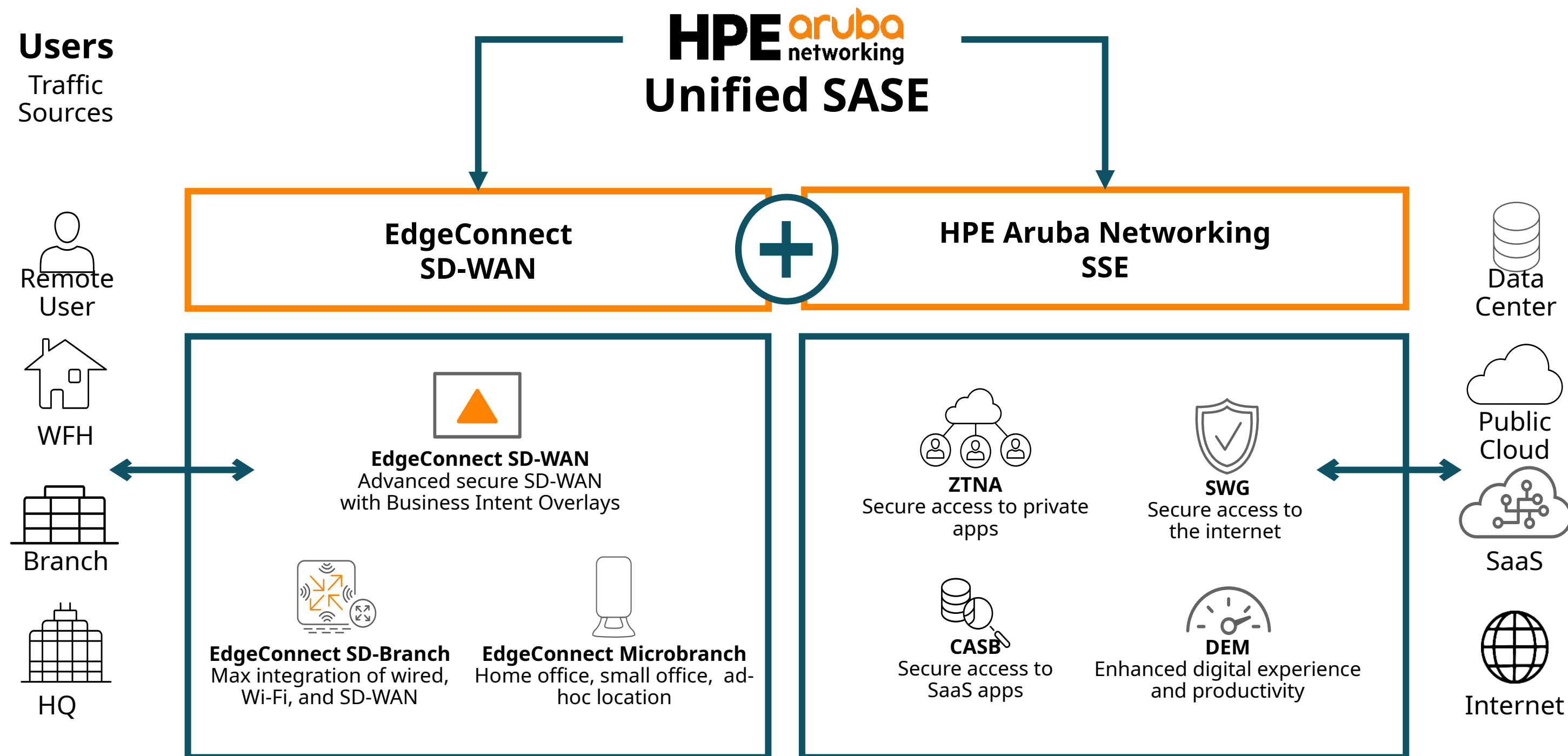


EVOLUTION: HPE ARUBA NETWORKING STRATEGY



HPE Aruba Networking Unified SASE

Deploy industry-leading EdgeConnect SD-WAN with the cloud-native HPE Aruba Networking SSE platform



HPE ARUBA NETWORKING: SASE FRAMEWORK

What is SASE? Secure Access Service Edge = SD-WAN + Security Services Edge (SSE)

The ideal complement for delivering a SASE architecture



Advanced
SD-WAN

- SD-WAN
- Routing
- NGFW
- Advanced Segmentation
- IDS/IPS
- DDoS
- WAN Optimization

+

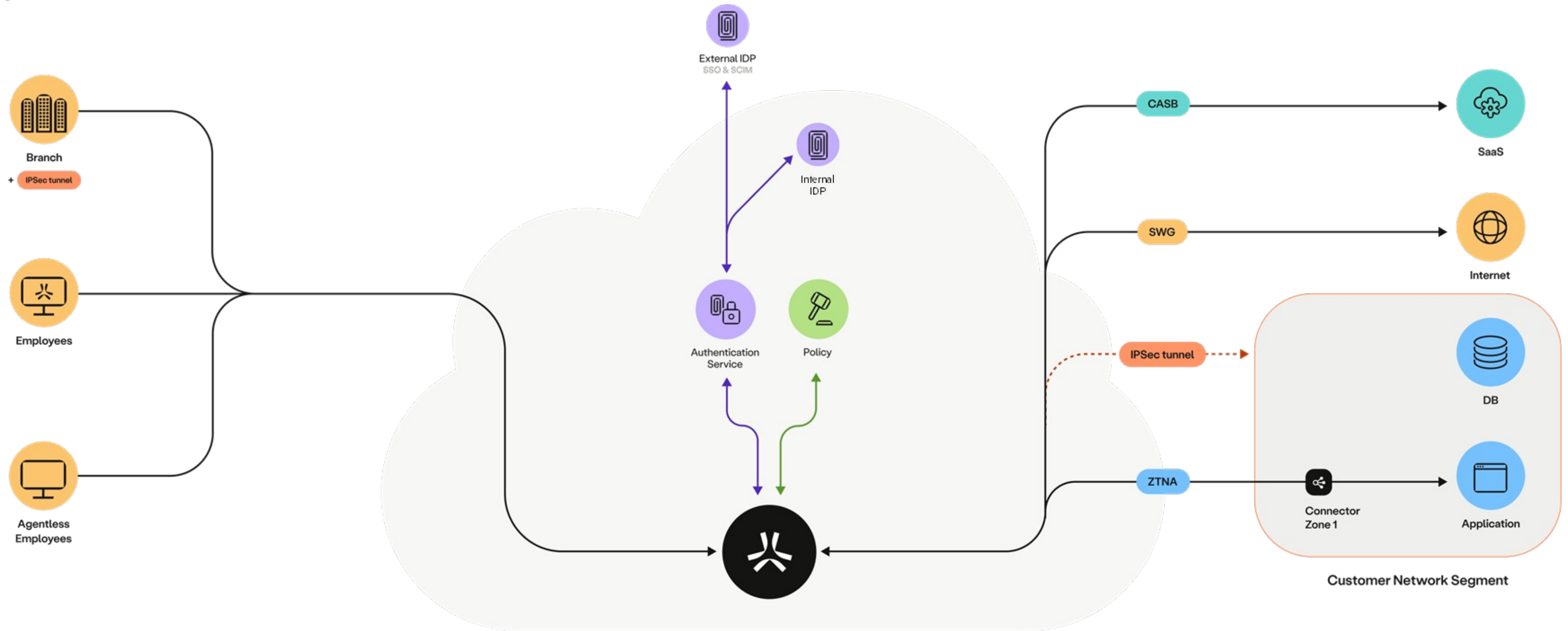


SSE: Cloud-delivered
security

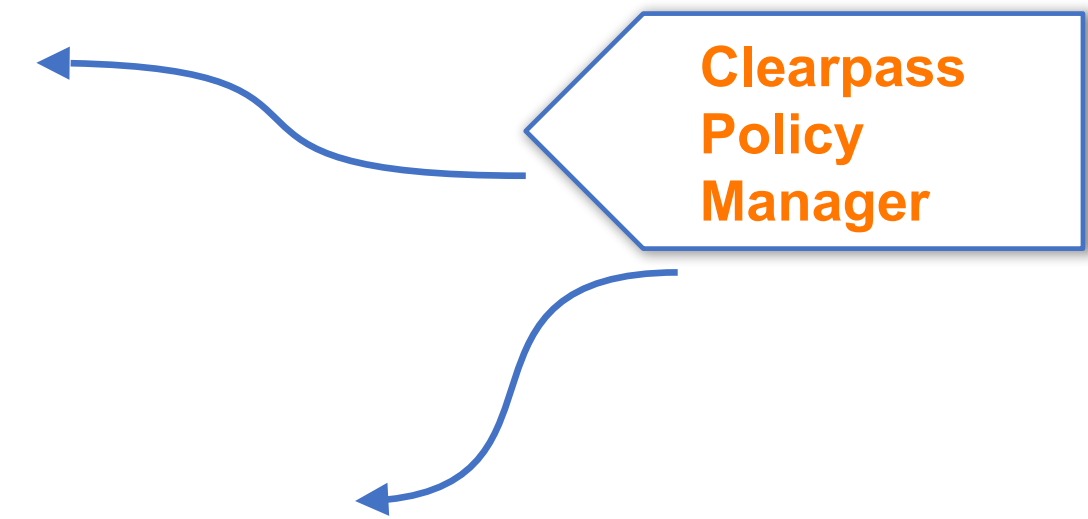
- SWG
- FWaaS
- IDS/IPS
- A/V
- ZTNA
- DLP
- Sandbox
- CASB
- DDoS



SSE Can Be a Unified Visibility & Control Layer for Access to Any Resource



Fully Integrated SASE or Bring Your Own. We're Open To It.



Q&A

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VIENI A TROVARCI AL NOSTRO STAND!

CONTATTI:

SIMONE.MARCOMINI@HPE.COM

DAVIDE.COSTANIGRO@HPE.COM

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